

DEFENSE INFORMATION INFRASTRUCTURE (DII)  
COMMON OPERATING ENVIRONMENT (COE)  
SHARED DATA ENVIRONMENT (SHADE)

**VERSION DESCRIPTION DOCUMENT (VDD)**

FOR THE

**DATABASE ADMINISTRATION (DBAdm)  
ACCOUNT GROUP SEGMENT**

Version 1.1.0.0

21 March 1997

Prepared For:

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# **1. Scope**

## **1.1 Identification**

This document is intended to provide pertinent information needed for variant integrators and testers. Information provided includes the following:

- Inventory of Software Contents
- Interface Compatibility
- Related Documents
- Summary of Change
- Known Problems

### **1.1.1 Segment**

DBAdm Account Group

### **1.1.2 Version**

1.1.0.0

### **1.1.3 Date Completed**

March 21, 1997

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## 1.2 Segment Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) provides tools, procedures, and specifications for the development of systems and software applications in a modular manner to improve the interoperability of DOD information systems.

The Shared Data Environment (SHADE) works within and as a part of the DII COE to extend its modularity and interoperability concepts to database management systems, the databases they manage, and the information contained in those databases.

The Database Administration (DBAdm) Account Group Segment establishes a basic runtime environment for database management which other segments may extend in a controlled fashion.

This Account Group Segment does not provide any tools or services in and of itself, but rather provides an open and extensible framework on which to build a collection of database management system (DBMS) segments, database tool segments, and database segments.

The DBAdm Account Group Segment will support multiple commercial off-the-shelf (COTS) DBMS segments such as Oracle and Sybase. A number of database tool segments will extend the functionality of the DBAdm Account Group Segment and provide the Database Administrator (DBA) with the tools necessary to develop, install, and manage database segments:

- The Database Administration Developer Tools (DBAdmD) Segment will provide the means to check and verify that database segments comply with the I&RTS. (These tools will be available during database development, but will not be delivered to operational sites).
- The Database Administration Runtime Tools (DBAdmR) Segment will provide the means to create and manage storage on COE database servers.
- The Database Administration Tools (DBAdmT) Segment will provide the means to support and maintain the databases on COE database servers.

## 2. Version Description

### 2.1 Inventory of Software Contents

This software version is comprised of the following Computer Software Configuration Item (CSCI) versions:

- DBAdm Account Group Segment version 1.1.0.0

### 2.2 Interface Compatibility

This software version is compatible with the following segment versions.

- DII COE 3.1
- Sun Solaris 2.5.1 and HP-UX 10.x
- Motif 1.2

### 2.3 Related Documents

No changes to related documents.

### 2.4 Summary of Change

DBAdm Segment version 1.1.0.0 will now install on the HP-UX operating system (OS) in addition to the Sun Solaris OS.

The DBAdm Account Group Segment no longer contains the DBA runtime tools and APIs which were provided in DBAdm Segment version 1.0.0.0. The DBA runtime tools and APIs have been split out into their own segment named Database Administration Runtime Tools (DBAdmR) Version 1.0.0.0.

### 2.5 Known Problems

None.

### **3. Waivers**

The following documents are either not required or are not applicable for the DBAdm Account Group Segment:

- Software Requirements Specifications
- Database Design Document
- Operator's Manual
- System Administrator's Manual
- Software User's Manual

#### **3.1 Copies Of Waiver Letters**

The following are copies of the waiver letters issued 03/21/97 that addresses the above documents:

*Formal segment name:* DBA Account Group*Version:* DBAdm 1.1.0.0*Hardware/OS:* Solaris 2.5.1

| <i>Item</i>  | <i>Waiver<br/>Requested<br/>(Yes/No)</i> | <i>Waiver<br/>Granted<br/>(Yes/No)</i> | <i>Reason for Waiver</i>   |
|--|--|--|--|
| <b>Delivery Letter</b>                               | No                                       |  |  |
| <b>List of Required COTS<br/>Licenses</b>            | No                                       |  |  |
| <b>Version Description<br/>Document (VDD)</b>        | No                                       |  |  |
| <b>Software Requirements<br/>Specification (SRS)</b> | Yes                                      | Yes                                    | The requirements for this segment are identified in the Data Access SRS. |
| <b>Database Design Document<br/>(DBDD)</b>           | Yes                                      | Yes                                    | Not applicable because no database schemas are created.                  |
| <b>Operator's Manual (OM)</b>                        | Yes                                      | Yes                                    | Not applicable for an Account Group; there are no applications.          |
| <b>Software Test Plan (STP)</b>                      | No                                       |  |  |
| <b>Software Test Description<br/>(STD)</b>           | No                                       |  |  |
| <b>System Test Report (STR)</b>                      | No                                       |  |  |
| <b>Installation Procedures (IP)</b>                  | No                                       |  |  |
| <b>System Administrator's<br/>Manual (SAM)</b>       | Yes                                      | Yes                                    | Not applicable for an Account Group; there are no applications.          |
| <b>Software User's Manual<br/>(SUM)</b>              | Yes                                      | Yes                                    | Not applicable for an Account Group; there are no applications.          |
| <b>SegDescrip Directory<br/>Printed Output</b>       | No                                       |  |  |
| <b>Segment Abstract</b>                              | No                                       |  |  |
| <b>Release Restriction<br/>Instructions</b>          | No                                       |  |  |

**Approving Official****Name:** Don Black**Date:** 3/21/97

*Formal segment name:* DBA Account Group*Version:* DBAdm 1.1.0.0*Hardware/OS:* HP-UX 10.x

| <i>Item</i>                                      | <i>Waiver<br/>Requested<br/>(Yes/No)</i> | <i>Waiver<br/>Granted<br/>(Yes/No)</i> | <i>Reason for Waiver</i>   |
|--|--|--|--|
| <b>Delivery Letter</b>                           | No                                       |  |  |
| <b>List of Required COTS Licenses</b>            | No                                       |  |  |
| <b>Version Description Document (VDD)</b>        | No                                       |  |  |
| <b>Software Requirements Specification (SRS)</b> | Yes                                      | Yes                                    | The requirements for this segment are identified in the Data Access SRS. |
| <b>Database Design Document (DBDD)</b>           | Yes                                      | Yes                                    | Not applicable because no database schemas are created.                  |
| <b>Operator's Manual (OM)</b>                    | Yes                                      | Yes                                    | Not applicable for an Account Group; there are no applications.          |
| <b>Software Test Plan (STP)</b>                  | No                                       |  |  |
| <b>Software Test Description (STD)</b>           | No                                       |  |  |
| <b>System Test Report (STR)</b>                  | No                                       |  |  |
| <b>Installation Procedures (IP)</b>              | No                                       |  |  |
| <b>System Administrator's Manual (SAM)</b>       | Yes                                      | Yes                                    | Not applicable for an Account Group; there are no applications.          |
| <b>Software User's Manual (SUM)</b>              | Yes                                      | Yes                                    | Not applicable for an Account Group; there are no applications.          |
| <b>SegDescrip Directory Printed Output</b>       | No                                       |  |  |
| <b>Segment Abstract</b>                          | No                                       |  |  |
| <b>Release Restriction Instructions</b>          | No                                       |  |  |

**Approving Official****Name:** Don Black**Date:** 3/21/97



## 4. Notes

The following provides an alphabetical listing of acronyms used in this document:

| <b>Acronym</b> | <b>Definition</b>                             |
|----------------|---|
| API            | Application Programming Interface             |
| COE            | Common Operating Environment                  |
| COTS           | Commercial Off-the-Shelf System               |
| DBA            | Database Administrator                        |
| DBAdm          | Database Administration Account Group Segment |
| DBMS           | Database Management System                    |
| DII            | Defense Information Infrastructure            |
| DOD            | Department of Defense                         |
| GCCS           | Global Command and Control System             |
| GOTS           | Government Off-the-Shelf System               |
| GUI            | Graphical Database Administrator Interface    |
| SHADE          | Shared Data Environment                       |
| SRS            | Software Requirements Specification           |